

15866 U.S. PTO  
111903

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	916-032289
First Inventor	William A. GROLL
Title	Copper Clad Aluminum Core Composite Material Suitable for Making a Cellular Telephone Transmission Tower Antenna
Express Mail Label No.	EL 694386542 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 8]  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (*if filed*)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 1]
5. Oath or Declaration [Total Pages       ]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 18 completed)*
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**  
Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of Attorney  
*(when there is an assignee)*
11.  English Translation Document (*if applicable*)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*
15.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: Letter Recognizing Attorneys (2 pp.)

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

Customer Number: 28289  OR  Correspondence address below  
(Insert Customer No. or Attach bar code label here)

Name	Frederick B. Ziesenhein Webb Ziesenhein Logsdon Orkin & Hanson, P.C.				
Address	700 Koppers Building 436 Seventh Avenue				
City	Pittsburgh	State	PA	Zip Code	15219
Country	United States	Telephone	412-471-8815		Fax 412-471-4094

Name (Print/Type)	Kent E. Baldauf	Registration No. (Attorney/Agent)	25,826
Signature			
	Date 11-19-2003		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

22141 U.S. PTO  
10/17/2003

111903

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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IN RE APPLICATION OF:

ATTORNEY'S DOCKET NUMBER

William A. GROLL and John MILNTHORP

916-032289

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ENTITLED

"Copper Clad Aluminum Core Composite Material Suitable for Making a Cellular  
Telephone Transmission Tower Antenna"

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Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**EXPRESS MAIL CERTIFICATE**

"Express Mail" Label Number EL 694386542 US

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Date of Deposit November 19, 2003

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I hereby certify that the following attached paper or fee

UTILITY PATENT APPLICATION TRANSMITTAL;  
LETTER RECOGNIZING ATTORNEYS (2 pp.)  
SPECIFICATION (8 pp.); and  
ONE (1) SHEET OF TWO DRAWINGS

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Diane Paull  
(Typed name of person mailing paper or fee)

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*Diane Paull*  
(Signature of person mailing paper or fee)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : Not Yet Assigned  
Applicants : William A. Groll and John Milnthrop  
Filed : Concurrently Herewith  
Title : Copper Clad Aluminum Core Composite Material Suitable  
for Making a Cellular Telephone Transmission Tower Antenna  
Docket No. : 916-032289  
Customer No. : 28289

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**LETTER RECOGNIZING ATTORNEYS**

Sir:

Enclosed for filing is an informal application for a patent application as above identified, comprising a specification, claims, abstract and drawings.

Information regarding the inventors and the application is as follows:

1. Name and Residence Address, William A. GROLL  
First Inventor: 126 Old Oak Road  
McMurray, PA 15317  
  
County: Washington County  
Citizenship: United States
  
2. Name and Residence Address, John MILNTHORP  
Second Inventor: 513 Robin Hood Lane  
McMurray, PA 15317  
  
County: Washington County  
Citizenship: Great Britain
  
3. Title: "Copper Clad Aluminum Core Composite Material Suitable for  
Making a Cellular Telephone Transmission Tower Antenna
4. Drawings: 1 sheet of two drawings
5. Claims: 6 claims, 4 of which are independent
6. Priority: U.S. Provisional Application No. 60/427,460 filed 11-19-2002

7. Assignee: CLAD METALS LLC

8. Small Entity Claimed:  Yes  No

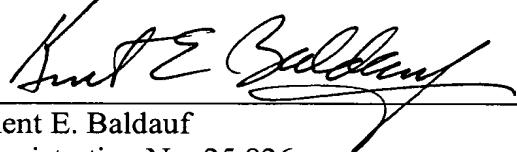
Please accept the application for purposes of granting a filing date and recognize Frederick B. Ziesenheim, Registration No. 19,438; Kent E. Baldauf, Registration No. 25,826; and Nathan J. Prepelka, Registration No. 43,016, as attorneys in this application, pending the filing of a formal Declaration and Power of Attorney and payment of the filing fee. 37 C.F.R. § 1.53(b).

**Kindly direct all communications relating to this application to Frederick B. Ziesenheim.**

Respectfully submitted,

WEBB ZIESENHEIM LOGSDON  
ORKIN & HANSON, P.C.

By



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